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 1 [Communications of the ACM: Volume 51 Issue 9](#)

September 2008 Communications of the ACM

Publisher: ACM

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Bibliometrics: Downloads (6 Weeks): 796, Downloads (12 Months): 2819, Citation

 2 [ABASH: finding bugs in bash scripts](#)

Karl Mazurak, Steve Zdancewic

June 2007 PLAS '07: Proceedings of the 2007 workshop on Programming security

Publisher: ACM

 Full text available: [Pdf](#) (262.29 KB) Additional Information: [full citation](#), [abstract](#), [bibliography](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 54, Citation

This paper describes the design and implementation of ABASH, a tool for finding bugs in bash scripts. It is written in the bash scripting language. Although it makes no formal guarantees, it does provide spurious warnings (largely due to the ...

Keywords: abstract interpretation, bash, scripting languages

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 3 [Experiences of using wearable computers for ambient telepresence](#)

Mikael Drugge, Marcus Nilsson, Roland Parviainen, Peter Parnes

 October 2004 ETP '04: Proceedings of the 2004 ACM SIGMM workshop on ETP  
 Publisher: ACM

 Full text available: [Pdf](#) (1.11 MB) Additional Information: [full citation](#), [abstract](#), [bibliography](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 72, Citation

We present our experiences of using wearable computers for providing ambient telepresence to members of an e-meeting. Using a continuously running e-meeting system and informal studies and observations, this form of ...

Keywords: ambient telepresence, mobile e-meetings, remote interaction

 4 [E-governance in trade facilitation: transparency and ICT as prerequisite](#)

Paul Kimberley

December 2007 ICEGOV '07: Proceedings of the 1st international conference on

electronic governance

Publisher: ACM

Full text available:  Pdf (177.89 KB)

Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 226, Citation


Trade facilitation is a generic term applied to the procedures and technical controls that facilitate domestic trade into global supply chains. While there are other aspects becoming progressively more important. The objective ...

Keywords: customs, data standards, e-governance, interconnection, information security, supply chain security, technical controls, trade, transparency

- 5 [Bridging context management systems for different types of pervasive computing](#)  
Cristian Hesselman, Hartmut Benz, Pravin Pawar, Fei Liu, Maarten Wegdarm, Jacco Brok

February 2008 MOBILEWARE '08: Proceedings of the 1st international conference on MobileWARE, Operating Systems, and Applications

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Science)


Full text available:  Pdf (250.49 KB)

Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 132, Citation


A context management system is a distributed system that enables applications to manage information about (mobile) users and forms a key component of any pervasive computing system. Context management systems are however very environment-specific.

Keywords: bridging, context management, interoperability

- 6 [Labels and event processes in the Asbestos operating system](#)  
 Steve Vandeboegart, Petros Efstathopoulos, Eddie Kohler, Maxwell Krohn, Oege de Kamshoek, Robert Morris, David Mazières

December 2007 Transactions on Computer Systems (TOCS), Volume 25 Issue 4

Publisher: ACM

Full text available:  Pdf (1.21 MB)

Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 59, Downloads (12 Months): 302, Citation

Asbestos, a new operating system, provides novel labeling and isolation to mitigate the effects of exploitable software flaws. Applications can express a wide range of policies using Asbestos's kernel-enforced labels, including controls on resource access, process scheduling, and network communication.

Keywords: Information flow, labels, mandatory access control, process scheduling, servers

- 7 [Interworking of traders in a distributed computing environment](#)  
Michael J. Katchabaw, Meeta M. Khurana, James W. Hong, Michael A. Baue

November 1995 CASCON '95: Proceedings of the 1995 conference of the Canadian Society for Collaborative research

Publisher: IBM Press


Full text available:  Pdf (117.52 KB)

Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 19, Citation (

Distributed computing systems are composed of various types of service efficient distributed computing environment largely depends on the effective services. One important aspect of managing services within ...

8 [Developing adaptive groupware applications using a mobile component](#)

 [Radu Litlu, Atul Parakash](#)

December 2000 CSCW '00: Proceedings of the 2000 ACM conference on Collaboration work

Publisher: ACM

Full text available:  Pdf (168.38 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)



Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 66, Citation (

A need exists to develop groupware systems that adapt to available resources and mobility. This paper presents DACIA, a system that provides mechanisms for developing applications. Using DACIA, components of a groupware application ...

9 [Dynamic and selective combination of extensions in component-based](#)

[Eddy Truyen, Bari Vanhaute, Bo Nørregaard Jørgensen, Wouter Joosen, Pieter](#) July 2001 I CSE '01: Proceedings of the 23rd International Conference on Software Engineering

Publisher: IEEE Computer Society

Full text available:  Publisher Site ,  Pdf (227.52 KB) Additional Information: [full citation](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 32, Citation (



*Support for dynamic and client-specific customization is required in many (distributed) applications as consisting of a minimal functional core — a core-based system, and an unbound set of potential ...*

10 [Projections into the world: service avatars as ambient intelligence objects](#)

 [Mike Kuniavsky](#)


July 2005 interactions , Volume 12 Issue 4

Publisher: ACM

Full text available:  Html (11.40 KB),  Pdf (292.86 KB) Additional Information: [full citation](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 49, Citation (

11 [The Jupiter audio/video architecture: secure multimedia in networked](#)

 [Pavel Curtis, Michael Dixon, Ron Frederick, David A. Nichols](#)

January 1995 MULTIMEDIA '95: Proceedings of the third ACM international conference on Multimedia


Publisher: ACM

Full text available:  Html (72.37 KB) Additional Information: [full citation](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 32, Citation (

Keywords: audio, collaboration, encryption, multicast, network places, security, user interface, video


12 [Design and evaluation of a conflict-based continuous consistency model](#)

 [Haifeng Yu, Amin Vahdat](#)

August 2002 Transactions on Computer Systems (TOCS) , Volume 20 Issue 4

Publisher: ACM

Full text available: Additional Information:

 Pdf (406.85 KB)


[full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 161, Citation (0)

The tradeoffs between consistency, performance, and availability are well understood, and yet, however, designers of replicated systems have been forced to choose from a variety of guarantees or none at all. This paper explores the ...

Keywords: Conit, consistency model, continuous consistency, network replication

### 13 [People-centric urban sensing](#)

 [Andrew T. Campbell, Shane B. Eisenman, Nicholas D. Lane, Emiliano Miluzzo](#)  
August 2006 WICON '06: Proceedings of the 2nd annual international workshop on  
Publisher: ACM

 Full text available:  Pdf (249.73 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 44, Downloads (12 Months): 280, Citation (0)

The vast majority of advances in sensor network research over the last few years have been the development of a series of small-scale (100s of nodes) testbeds and sensor networks (e.g., environmental monitoring, etc.) that are built on ...

Keywords: mobile wireless sensor networks, people-centric, urban sensing

### 14 [CORBA Program Development, Part 3](#)


[J. Mark Shacklette, Jeff Illian](#)  
July 1999 Linux Journal , Volume 1999 Issue 63es  
Publisher: Specialized Systems Consultants, Inc.


 Full text available:  Html (25.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 20, Citation (0)

A look at CORBA implementations in Java to provide interoperability between ...

### 15 [A parallel, incremental and concurrent GC for servers](#)

 [Yoav Ossia, Ori Ben-Yitzhak, Irit Gofri, Elliot K. Kolodner, Victor Leikehman](#)  
June 2002 PLDI '02: Proceedings of the ACM SIGPLAN 2002 Conference on  
and implementation  
Publisher: ACM

 Full text available:  Pdf (231.80 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 51, Citation (0)


Multithreaded applications with multi-gigabyte heaps running on modern hardware require efficient garbage collection (GC). The challenges for "server-oriented" GC include handling a multi-gigabyte heap, while minimizing ...

Keywords: JVM, Java, concurrent garbage collection, garbage collection, weak ordering

Also published in:



May 2002 SIGPLAN Notices Volume 37 Issue 5

16 [IT security: protecting organizations in spite of themselves](#)

 [David A. Siegel](#), [Bill Reid](#), [Susan M. Dray](#)


May 2006 [interactions](#), Volume 13 Issue 3

Publisher: ACM

Full text available:  [Html](#) (30.50 KB),  [Pdf](#) (257.63 KB) Additional Information: [full citation](#)

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 [Martine Boonk](#), [Frances Brazier](#), [David de Groot](#), [Maarten van Stekelenburg](#)

June 2007 [ICAL '07: Proceedings of the 11th international conference on](#)


Publisher: ACM

Full text available:  [Pdf](#) (290.44 KB) Additional Information: [full citation](#), [abstract](#), [full text](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 55, Citation (

Documentation is essential to daily legal practice. On-line access is currently imposed by an information service provider with respect to access and use to determine the value of such documentation. This paper ...

18 [A distributed data space for music-related information](#)

 [Yves Raimond](#), [Christopher Sutton](#), [Mark Sandler](#)

September 2007 [MS '07: Workshop on multimedia information retrieval on semantics](#)

Publisher: ACM

Full text available:  [Pdf](#) (620.90 KB) Additional Information: [full citation](#), [abstract](#), [full text](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 106, Citation (

In this paper, we describe how some key Semantic Web technologies can be used in a distributed knowledge environment several music-related sources of information to feature extractors or personal music collections. ...

Keywords: MIR, multimedia, music, semantic-web

19 [Cooperative scans: dynamic bandwidth sharing in a DBMS](#)

[Marcin Zukowski](#), [Sándor Héman](#), [Niels Nes](#), [Peter Boncz](#)

September 2007 [VLDB '07: Proceedings of the 33rd international conference](#)

Publisher: VLDB Endowment

Full text available:  [Pdf](#) (462.51 KB) Additional Information: [full citation](#), [abstract](#), [full text](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 78, Citation (

This paper analyzes the performance of concurrent (index) scan operations and column (DSM) disk storage models and shows that existing scheduled data-sharing opportunities and therefore result in ...

20 [Delay aware querying with Seaweed](#)

[Dushyanth Narayanan](#), [Austin Donnelly](#), [Richard Mortier](#), [Antony Rowstron](#)

March 2008 [The VLDB Journal — The International Journal on Very Large Data](#)

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (852.03 KB)

Additional Information: [full citation](#), [abstract](#), [i](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 65, Citation (

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